

FIG.2

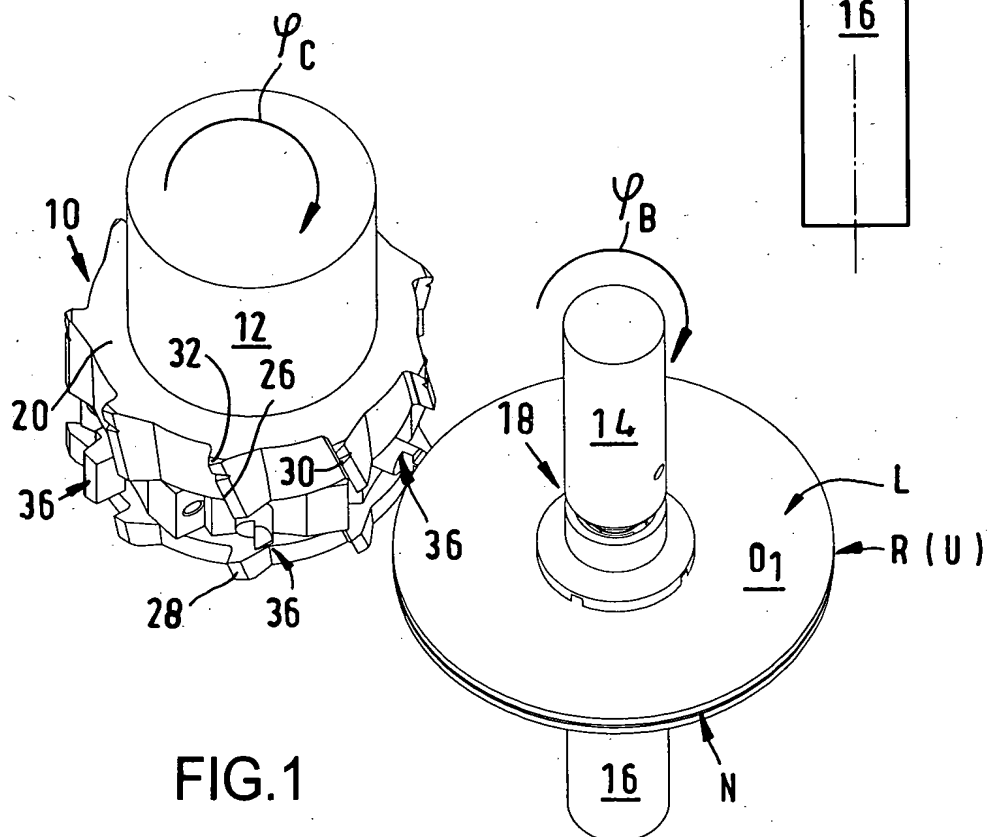
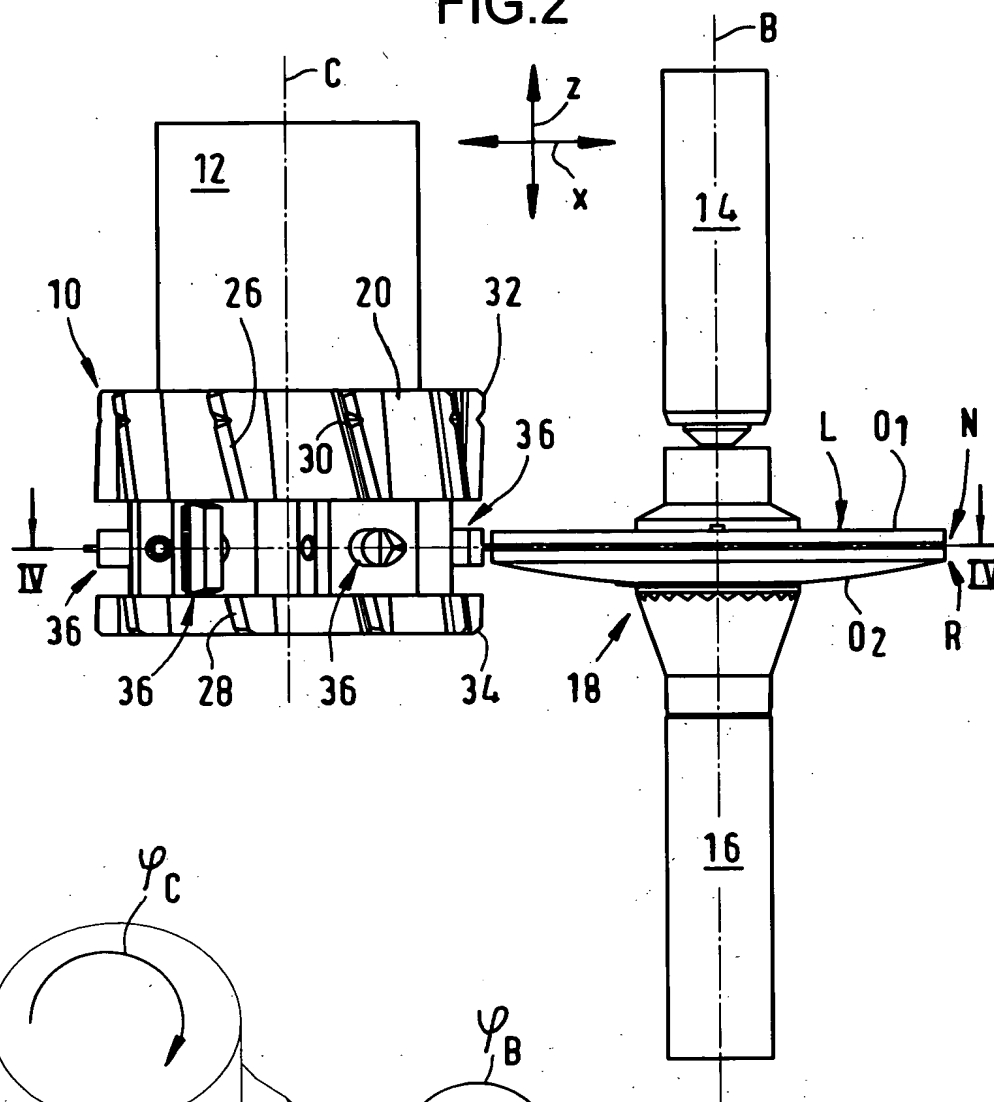
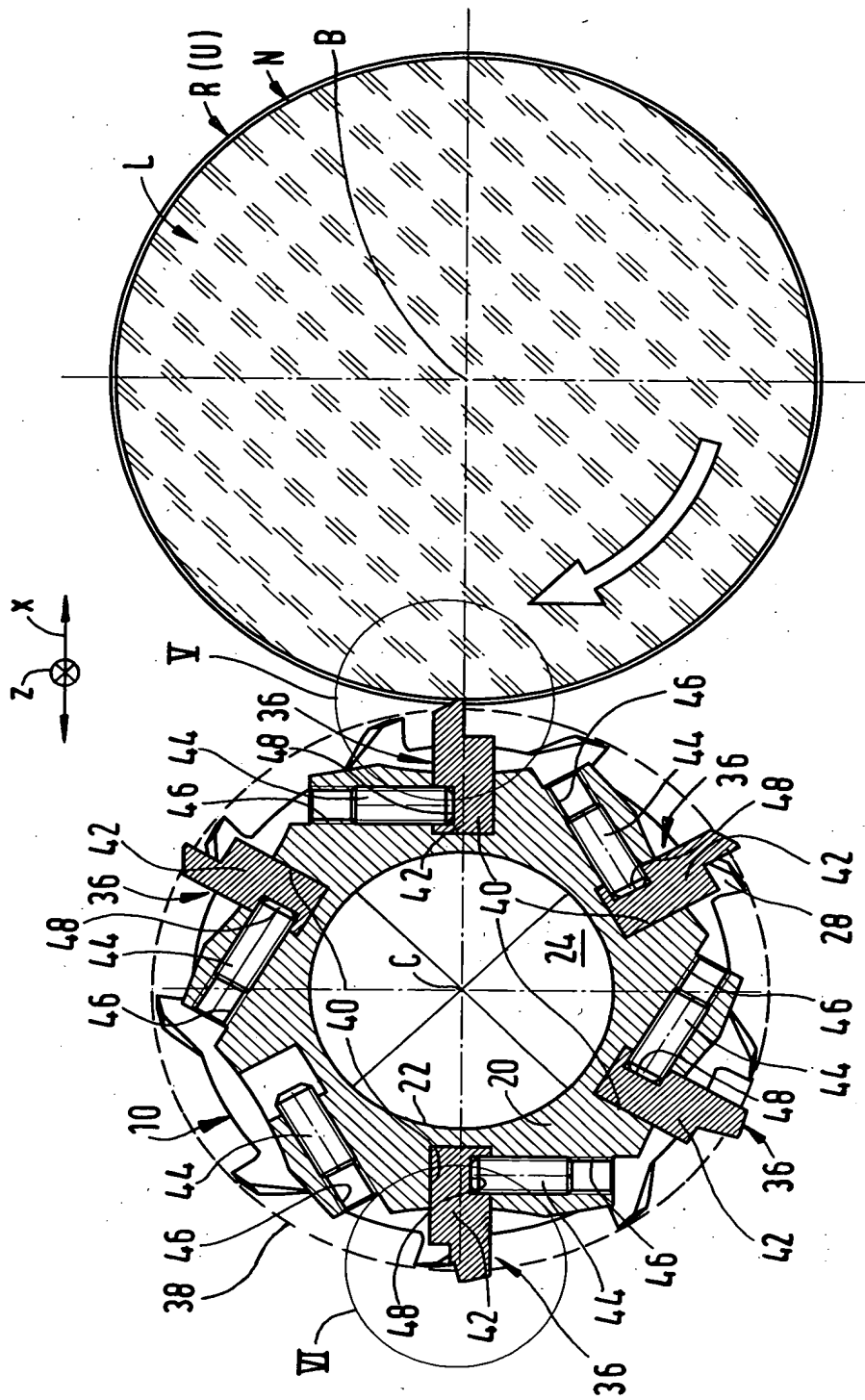


FIG.1

Fig. 1 is a schematic diagram showing a cross-sectional view of a mechanical assembly. The assembly includes a base structure 10 with internal components 20, 22, 24, 26, 28, 30, 32, 34, 36, 40, and 42. A vertical rod 12 passes through the center. A horizontal rod 14 is connected to the base via a joint 16. A vertical rod 18 is also shown. A coordinate system with x, y, and z axes is indicated.

FIG.4



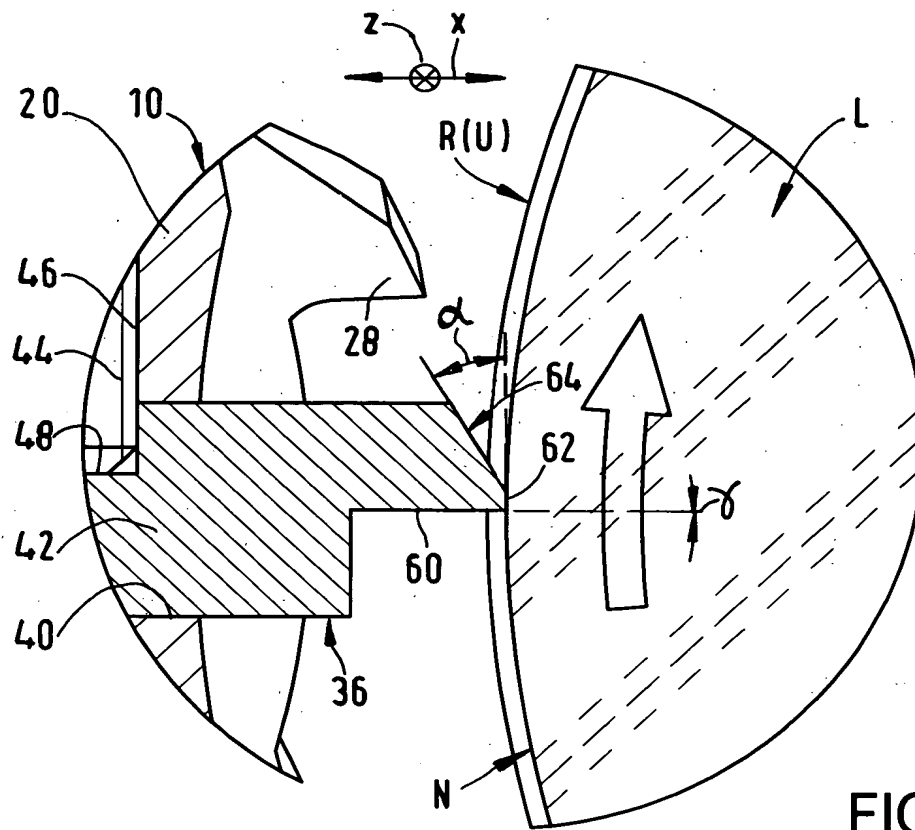


FIG.5

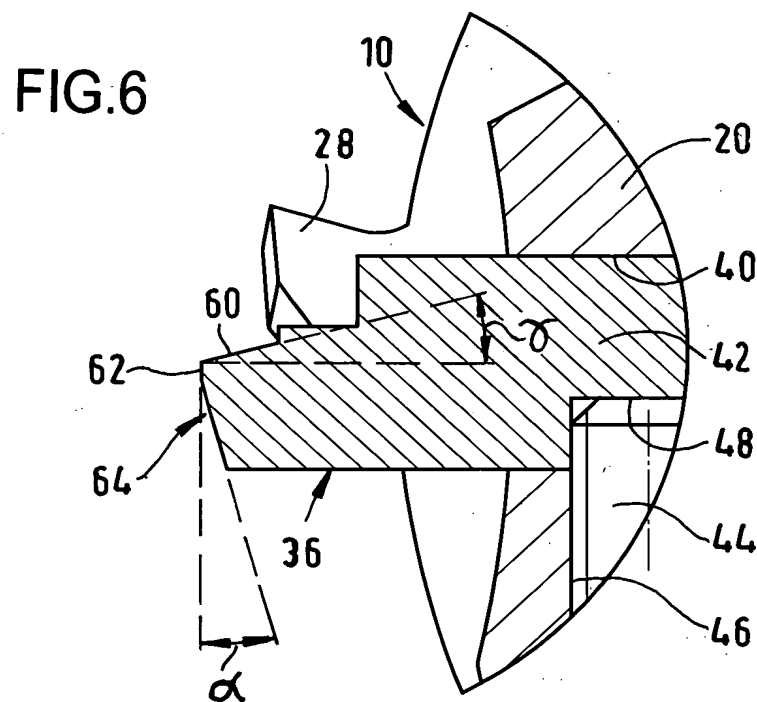
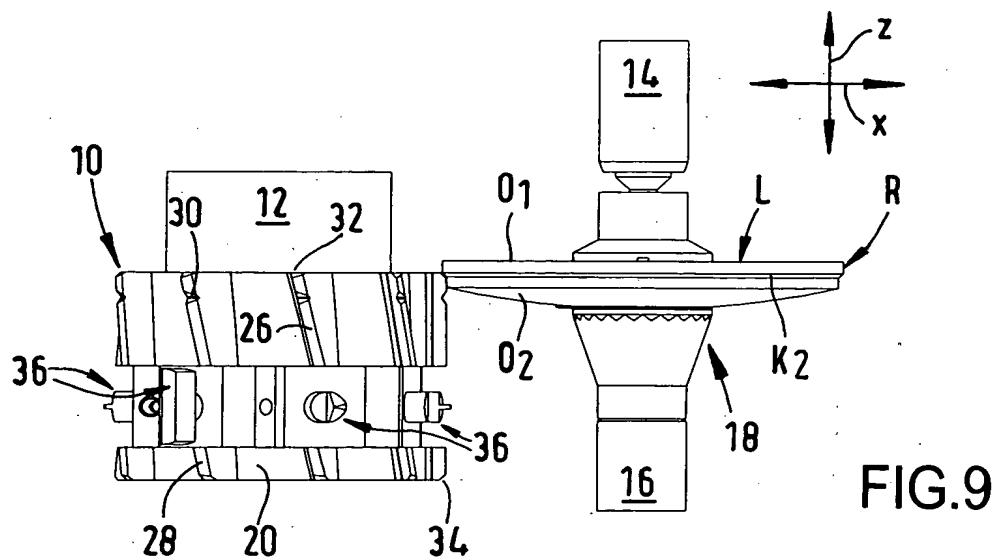
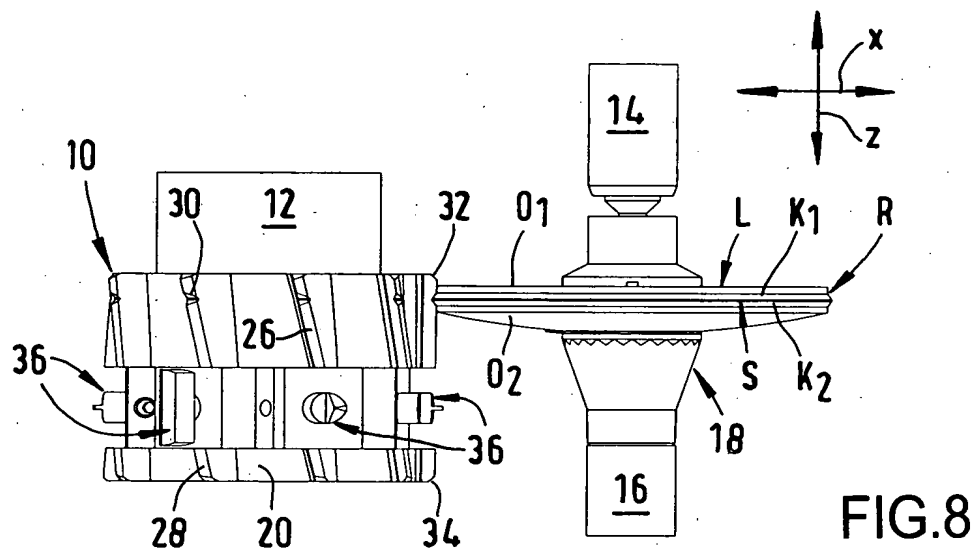
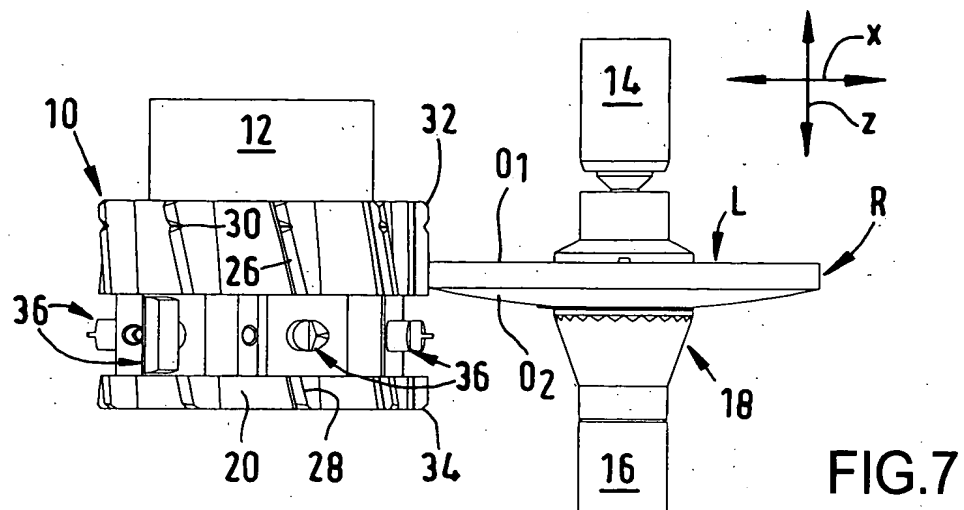
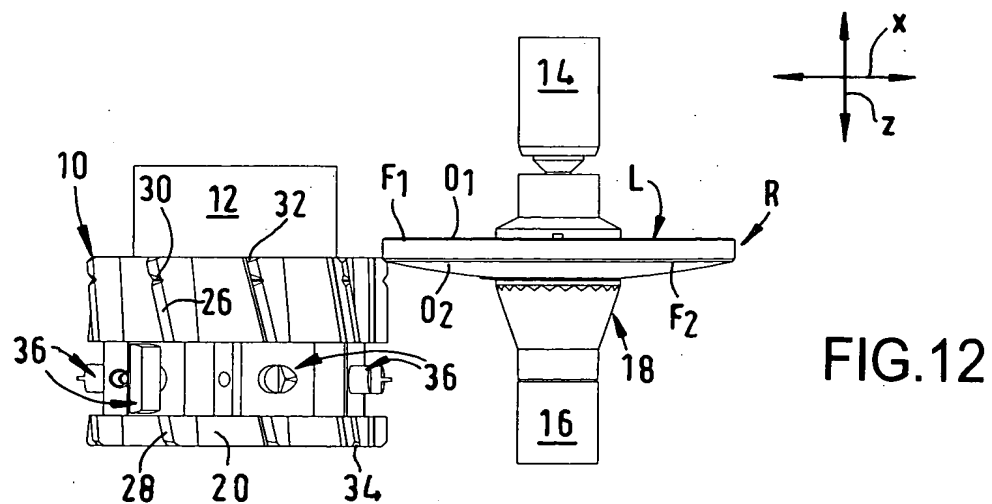
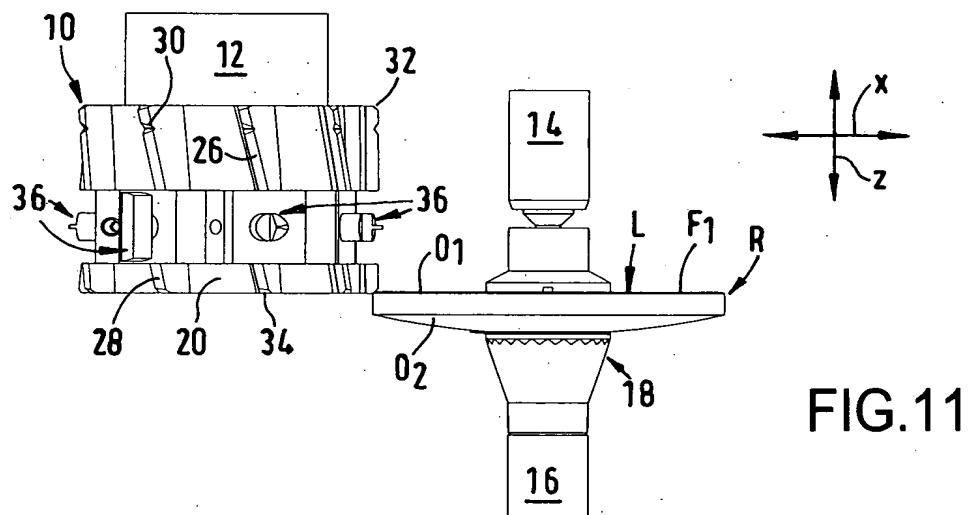
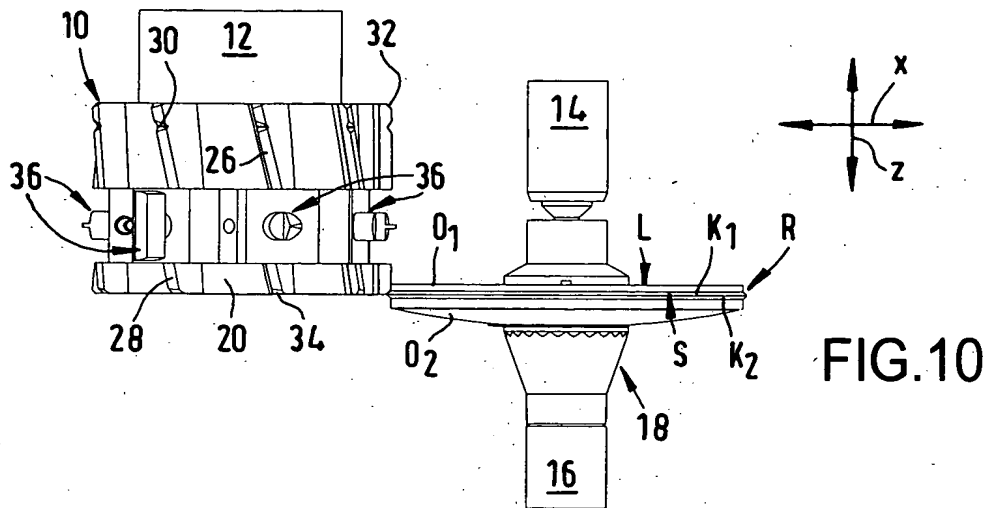


FIG.6





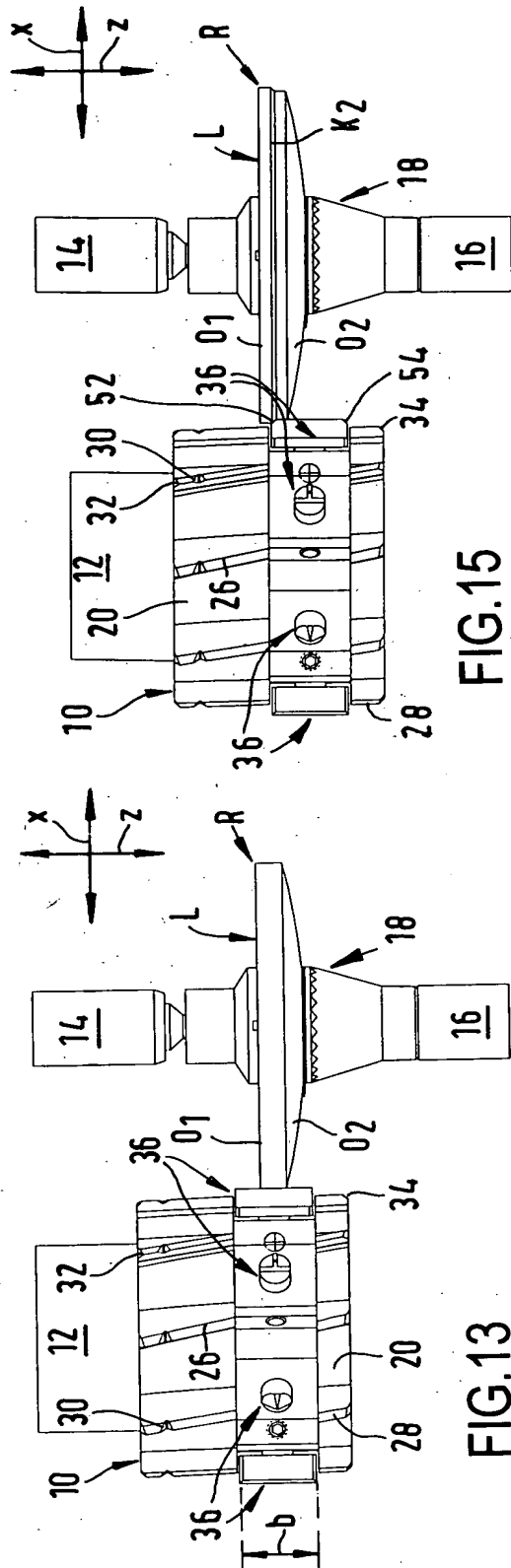


FIG. 15

FIG. 13

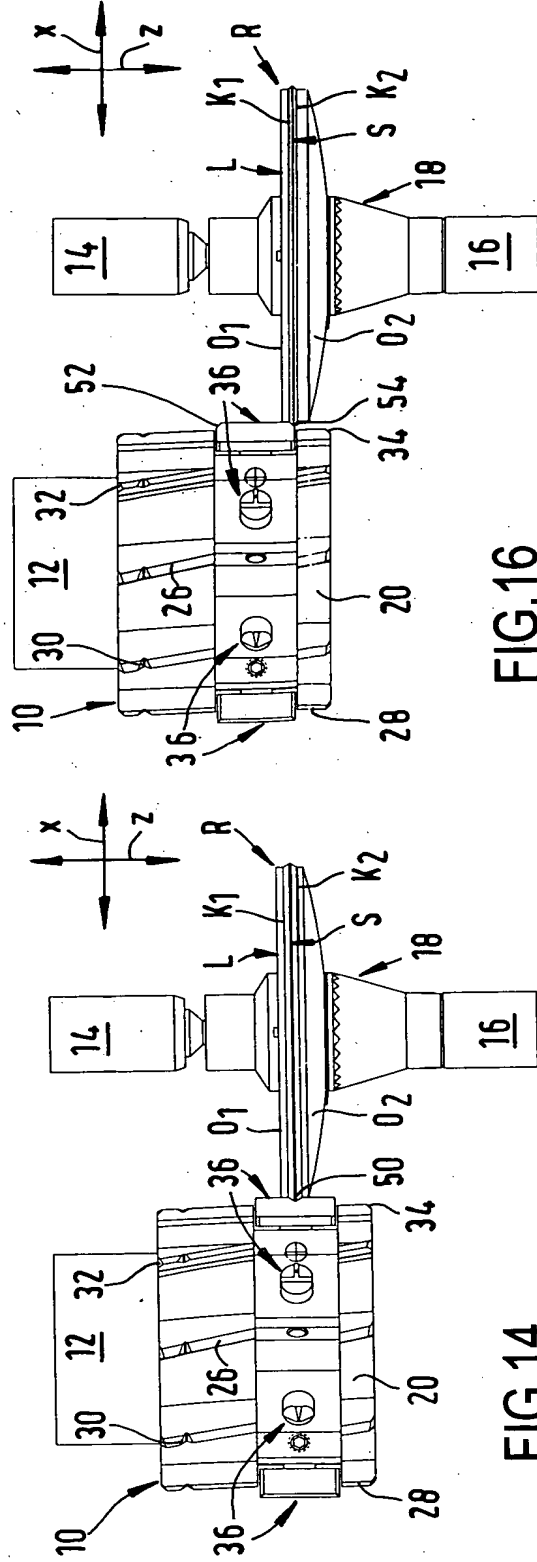


FIG. 16

FIG. 14

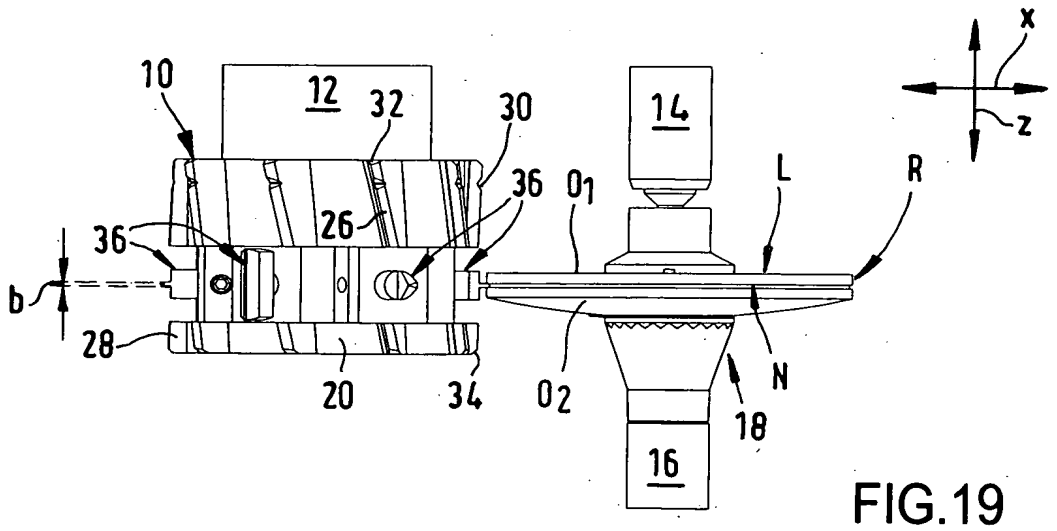
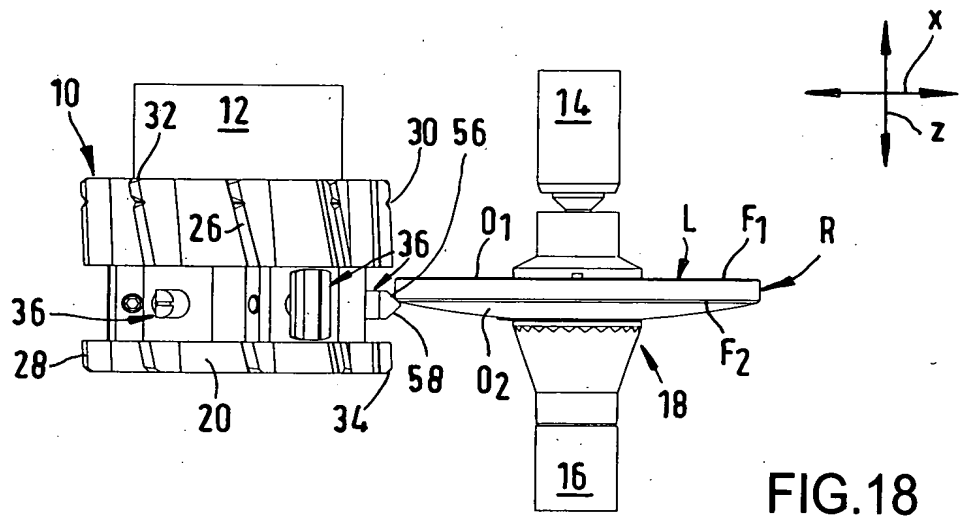
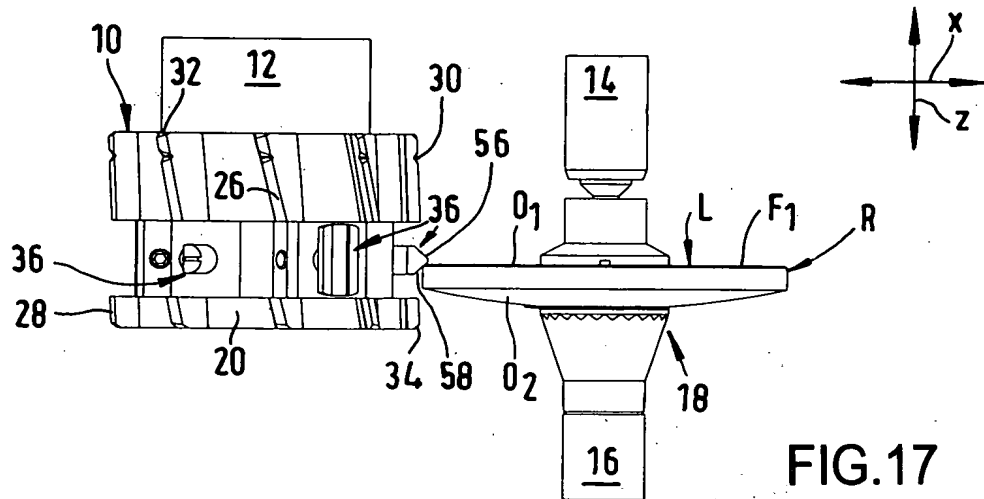
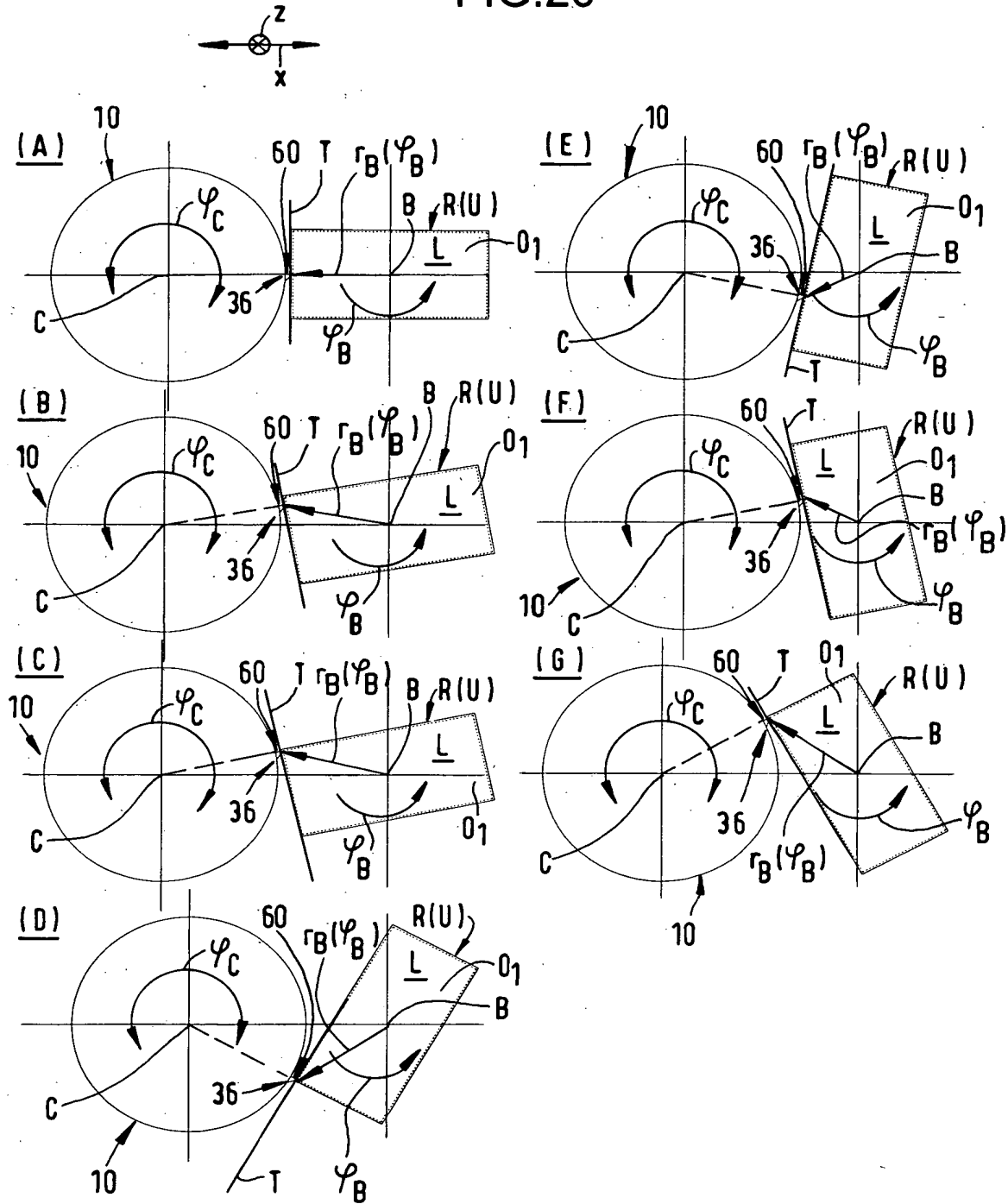


FIG.20



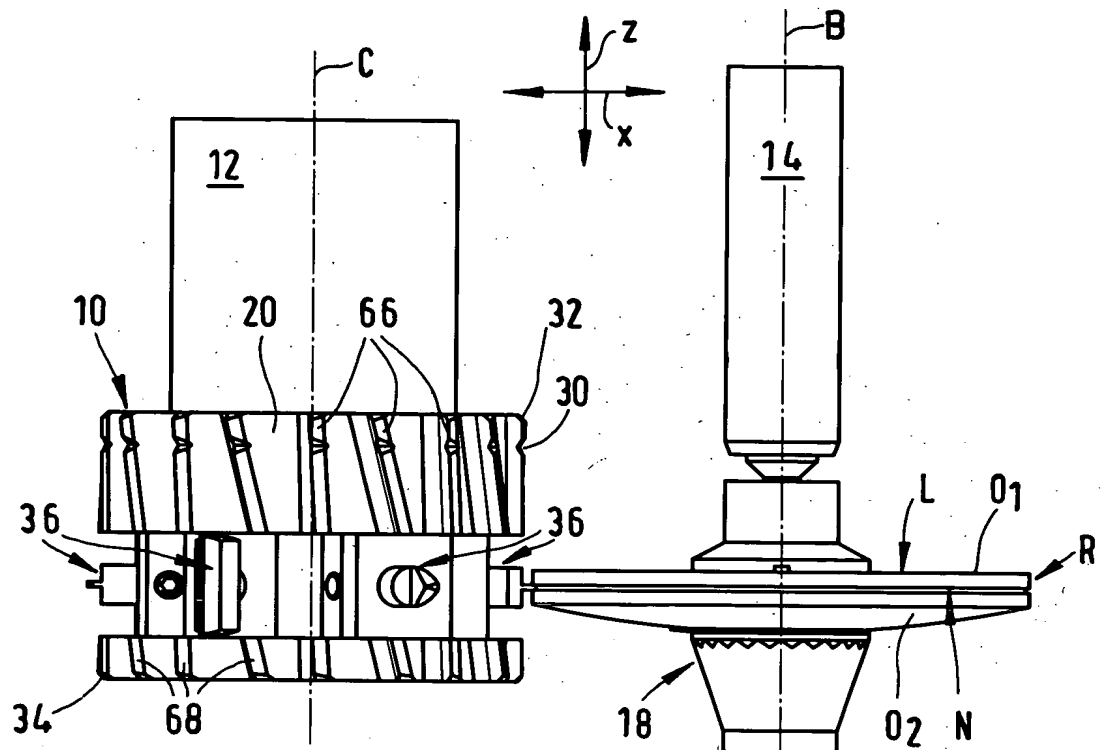


FIG. 22

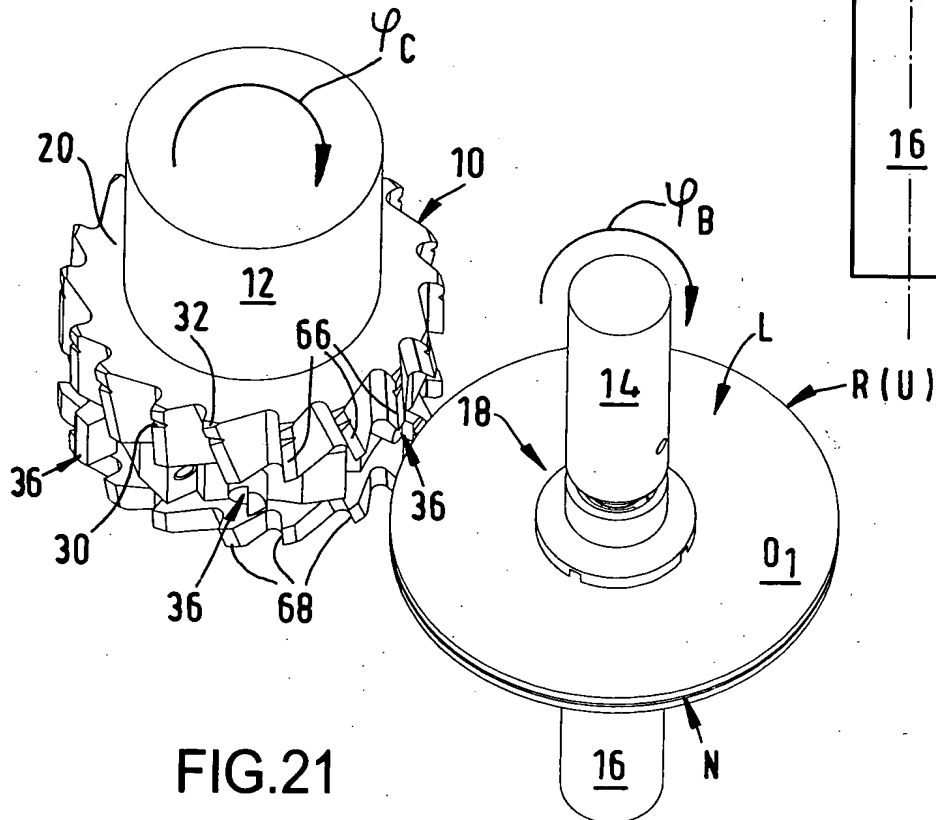


FIG. 21

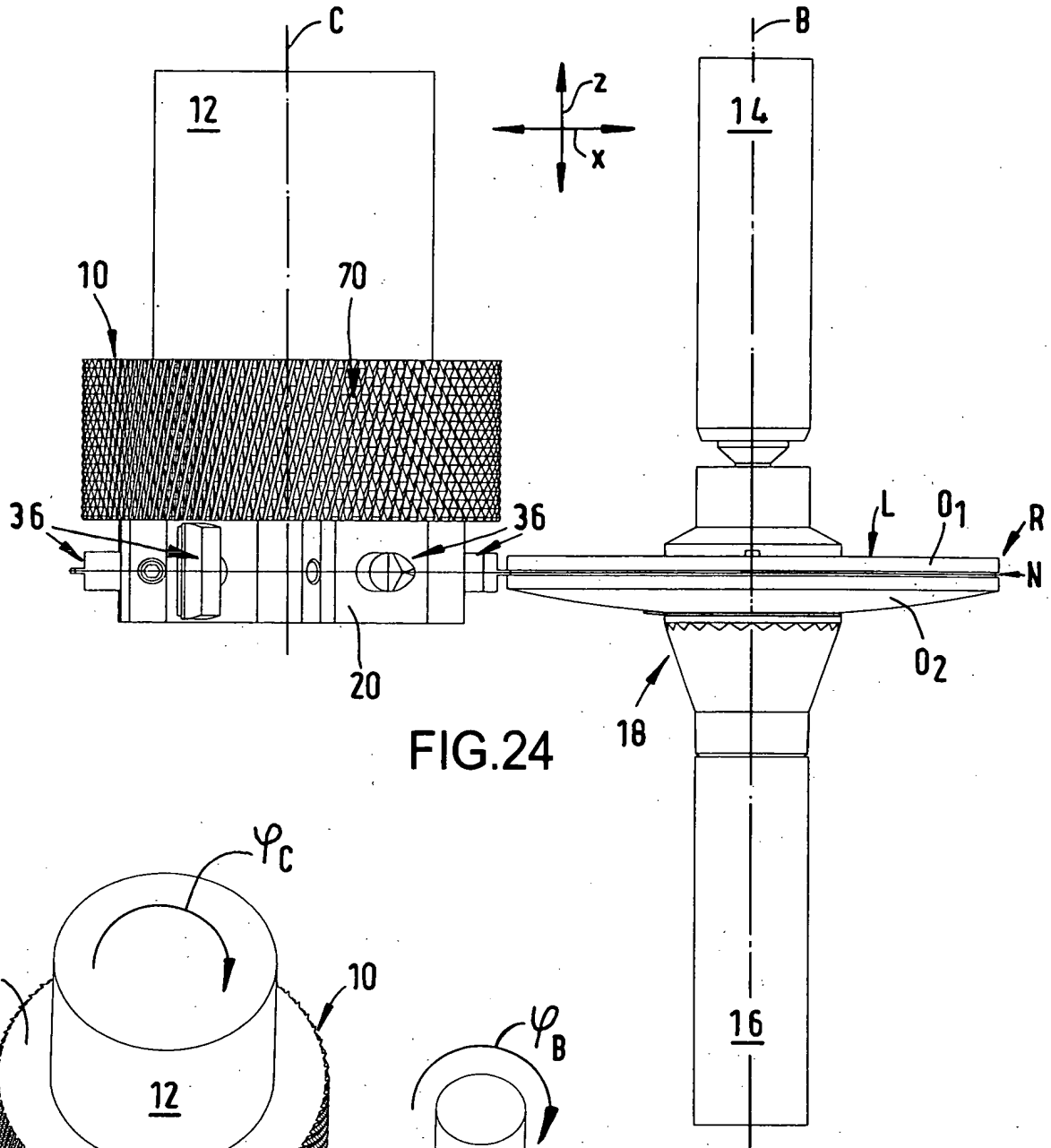


FIG. 24

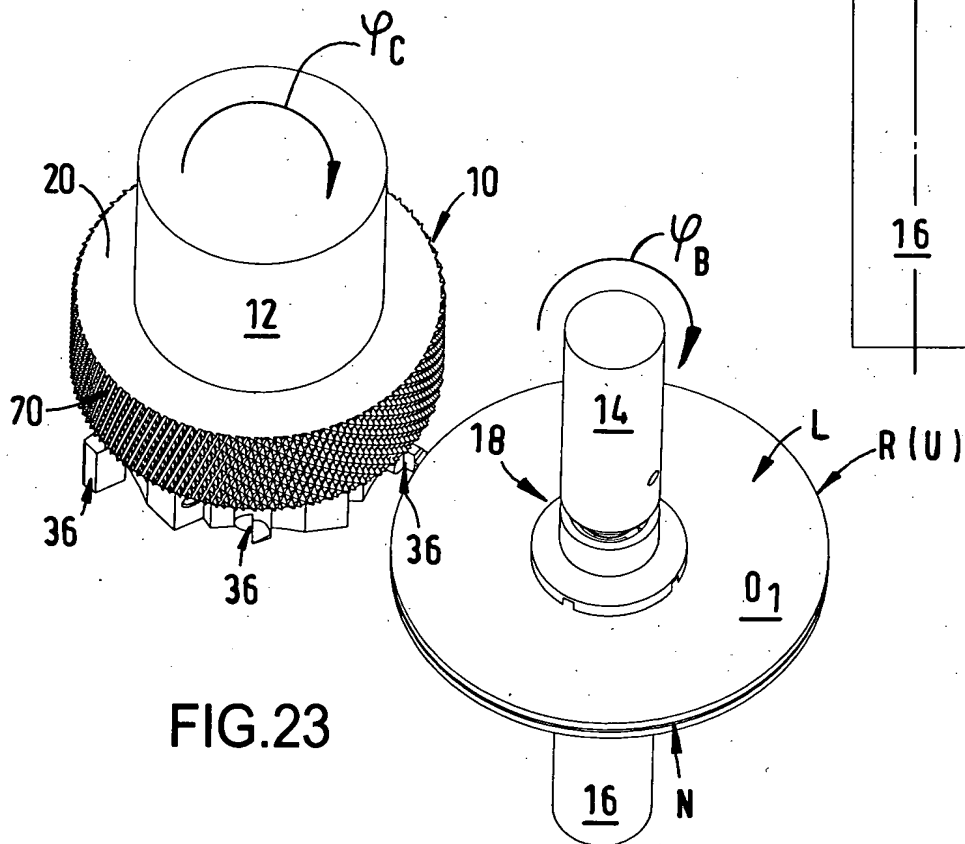


FIG. 23

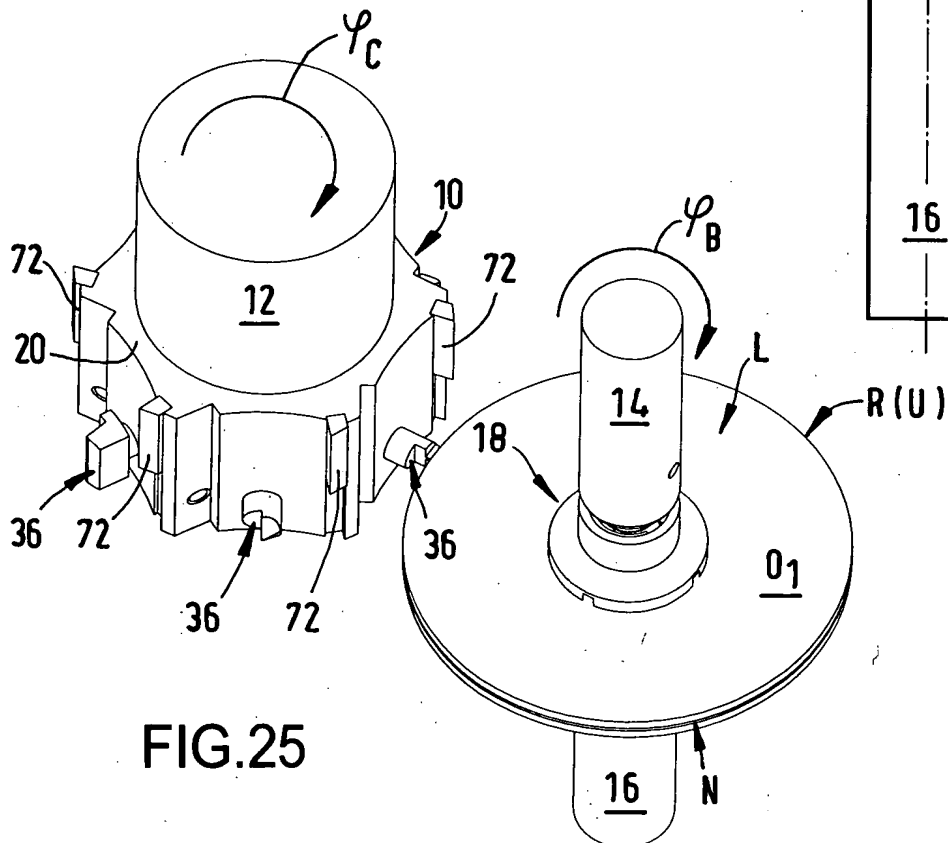
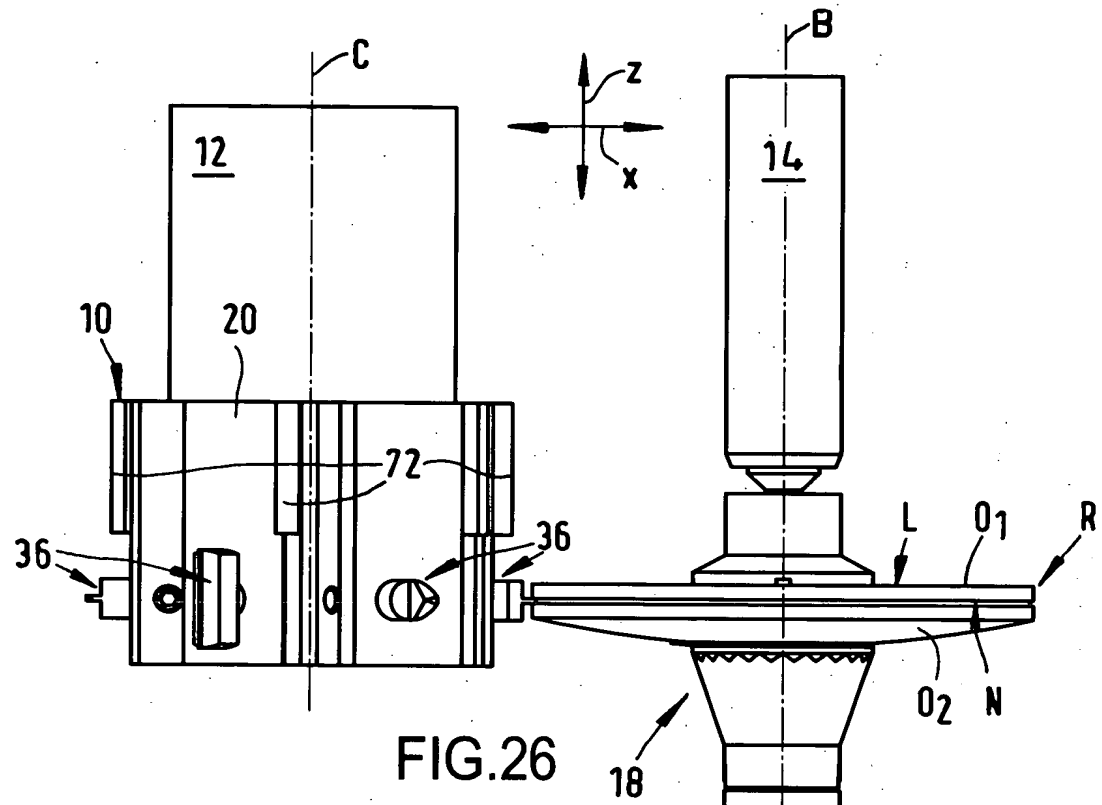


FIG.27

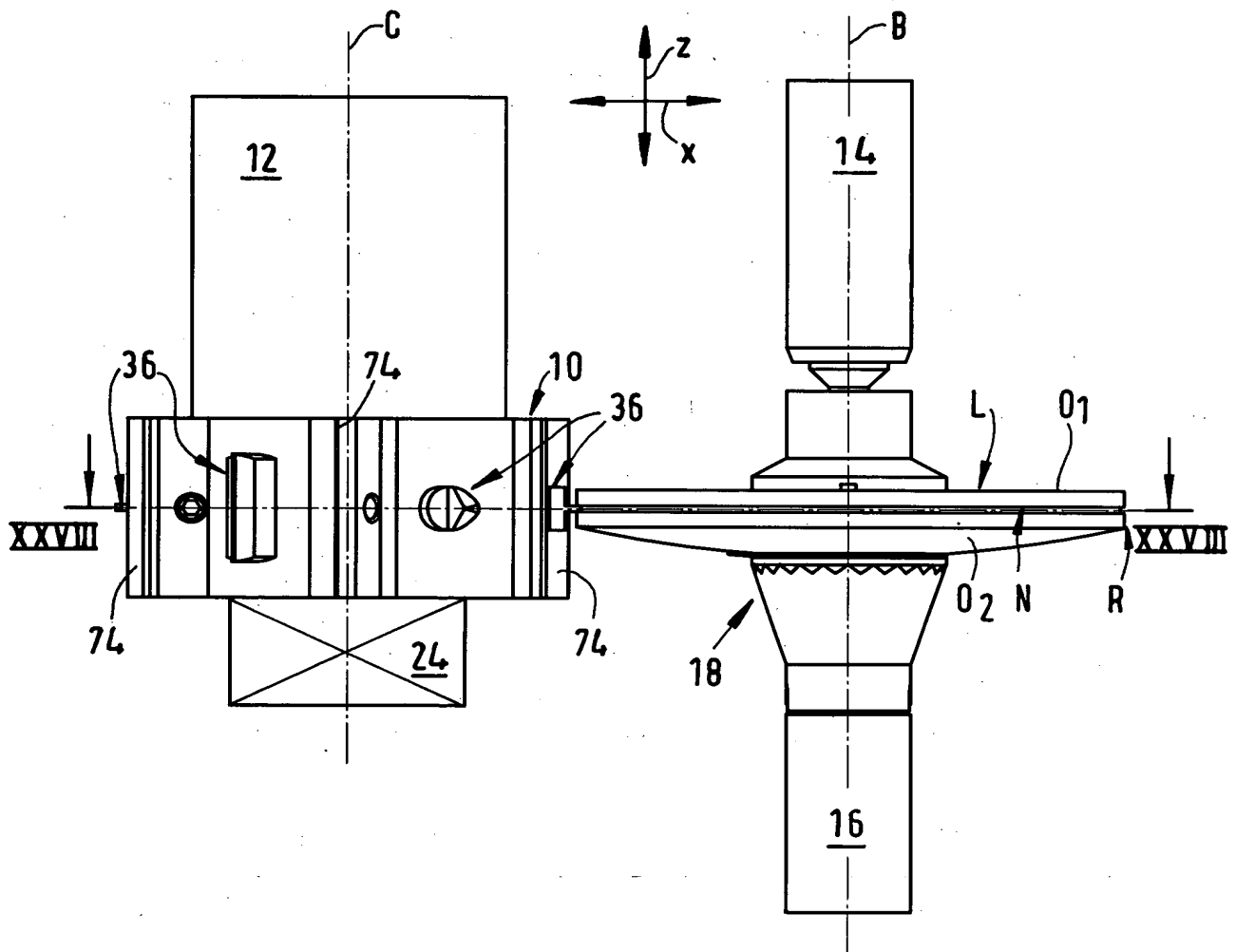
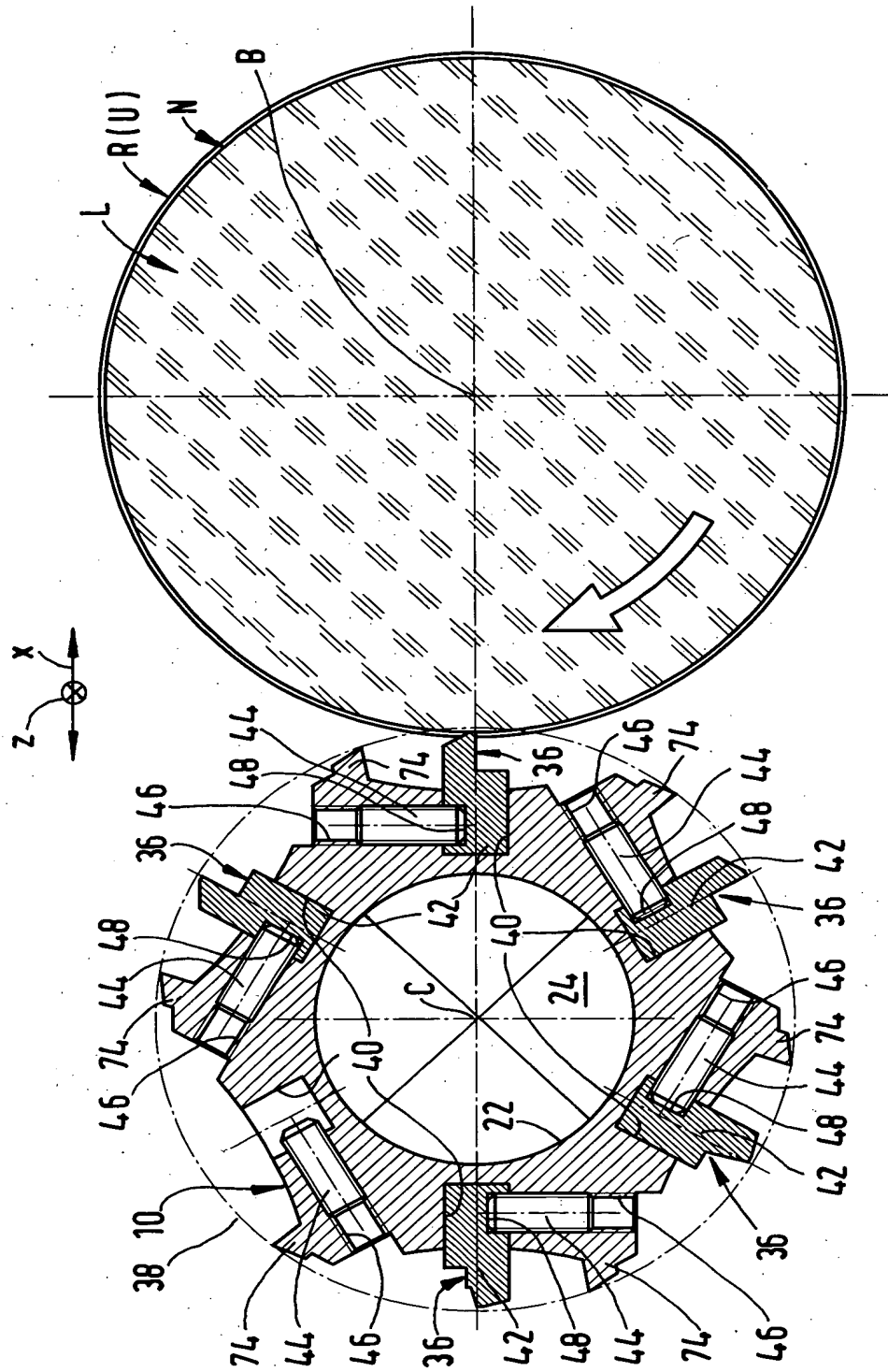


FIG.28



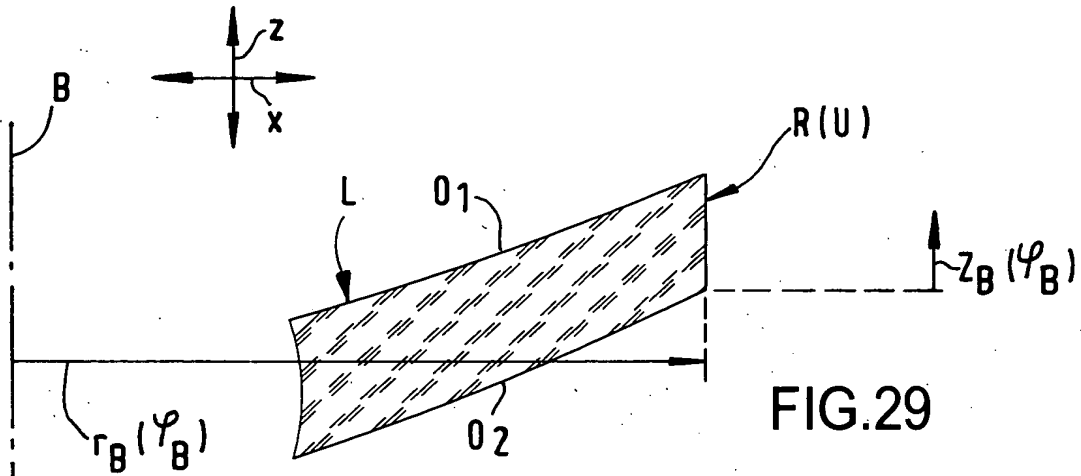


FIG. 29

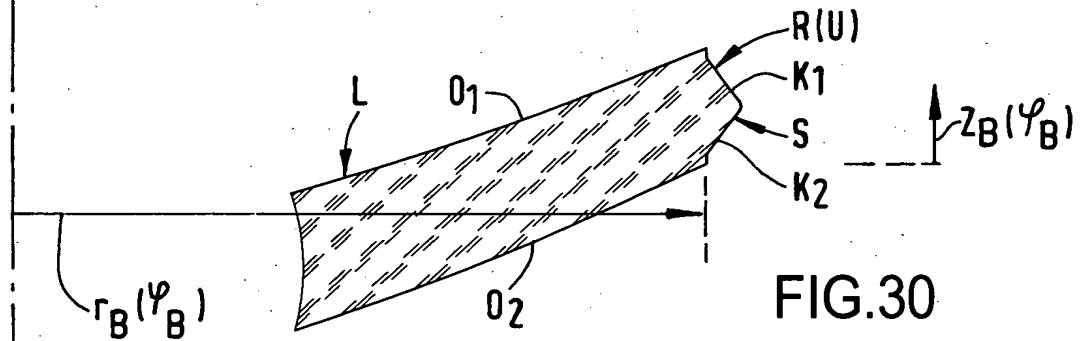


FIG. 30

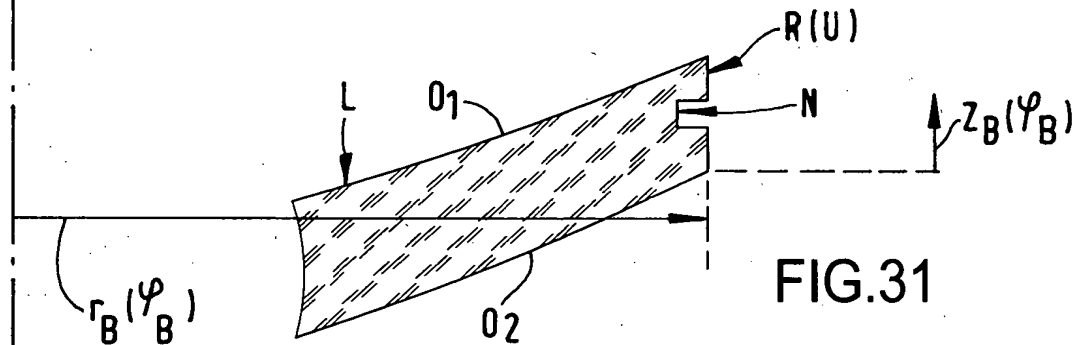


FIG. 31

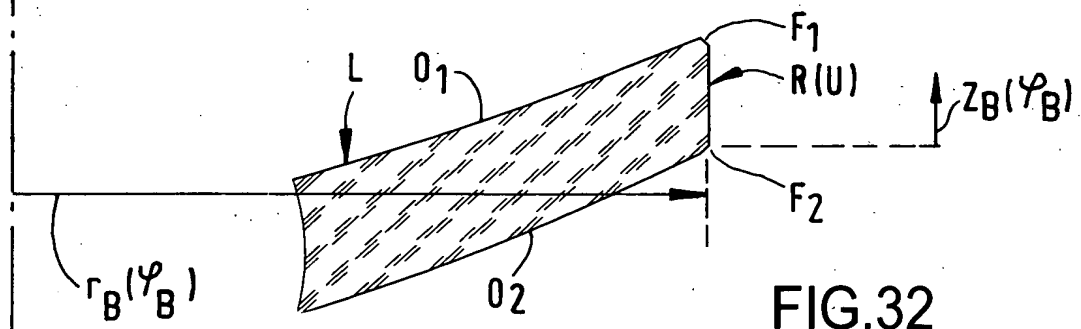


FIG. 32